

WHAT IS CLAIMED IS:

1. A counterpoise device for cantilevering at least one cylinder of a printing press, the device comprising:
  - a movable counterpoise element for selectively contacting the cylinder;
  - a stationary mount;
  - a guide link rotatably attached to the stationary mount, plate and rotatably attached to the movable counterpoise element; and
  - an actuating device connected to the movable counterpoise device at a different location than the guide link for moving the counterpoise device with respect to the cylinder.
2. The device as recited in claim 1 wherein the counterpoise element is a lift plate with a hole for receiving an end of the cylinder.
3. The device as recited in claim 2 wherein the lift plate has a further hole and the actuating device has an eccentric fitting in the further hole.
4. The device as recited in claim 1 further comprising a second movable counterpoise element attached to the actuating device, and a second guide link rotatably attached to the mount and the second movable counterpoise element.
5. The device as recited in claim 1 further comprising an adjustment plate, the guide link being attached to the counterpoise element via the adjustment plate, the adjustment plate being fixable to the counterpoise element.
6. The device as recited in claim 5 wherein the adjustment plate has slots.
7. The device as recited in claim 1 further comprising bolts or bearings, the guide link being attached rotatably to the mount plate and the counterpoise element via the bolts or bearings.

8. The device as recited in claim 1 wherein the actuating device moves the counterpoise element in a first direction, and pivot points of the guide link form an imaginary line, the imaginary line not being parallel to the first direction.
9. The device as recited in claim 8 wherein the imaginary line is perpendicular to the first direction.
10. A printing unit comprising the counterpoise device of claim 1.
11. A printing press comprising the counterpoise device of claim 1 and the cylinder.
12. The printing press as recited in claim 11 wherein the cylinder is a blanket cylinder and further comprising a second blanket cylinder.
13. The printing press as recited in claim 12 wherein the printing press is a web offset printing press.
14. The printing press as recited in claim 11 wherein the blanket cylinder and second blanket cylinder are located horizontally next to each other.
15. A method for counterpoising a cylinder comprising:
  - moving a counterpoise element using an actuating device, and
  - constraining the movement of the counterpoise element using a dual pivot guide link.